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Tools for Cleaning Up Illinois Diesel Conference

Exelon Energy Delivery consists of:

ComEd, which provides service to approximately 3.7 million customers across Northern Illinois, or 70 percent of the state's population.

PECO, an electric and natural gas utility, which serves 1.6 million electric and 470,000 natural gas customers in southeastern Pennsylvania.

Biodiesel Activity and Experience

- B20 Biodiesel Program in place at ComEd for the last 5 years.
- 7+ Million gallon consumption of B20 since program start.
- Used exclusively in all diesel powered equipment and vehicles since program start.
- 2100+ pieces of equipment, ranging from Mini Excavators to 178' Aerial Lift Equipment, run successfully without any equipment modification.

Benefits of B20 Exelon Energy Delivery's Experience:

- Noticeably reduced exhaust emissions.
- Reduced wear on mechanical fuel injection systems.
- Supports corporate mission on greenhouse gas reductions.
- Recognized support of local agricultural Industry.
- EPACT points benefits.

Early Lessons Learned:

- Storage tank cleanliness was at issue at several of our 23 fueling sites during the early stages of the program.
- Vehicle fuel filters and systems on rental equipment has posed some sporadic issues.
- Early issues with quality of product created some small service issues but has been non-existent for the last three years.
- Some sporadic issues were experienced with Ford 6.0 liter reliability but Ford has yet to prove the problem is with fuel.

Biodiesel Plans for 2006 and Beyond:

- Continued use at ComEd for the foreseeable future.
- B20 program start-up at PECO in 2006.
- 2006 acquisition of PSEG, a New Jersey-based utility and current large-scale user of B20.
- Currently Planning Strategy for Biodiesel use with ULSD and 07' Emissions Vehicles.

Additional Fleet Environmental Projects:

- 2006 Roll-out of 2 Medium Duty HEV Bucket Trucks to be deployed in ComEd and PECO Service Territories
- 2006 Deployment of LPG powered Medium Duty Bucket Truck at ComEd
- 2006 Deployment of CNG powered Medium Duty Gas Service truck at PECO
- 2006 Deployment of 100 Ford Escape SUV Hybrids distributed between ComEd and PECO